



# Academic Makerspaces

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**Makerspaces** are essentially  
designated spaces where  
people come together  
to make things

What's the difference  
between a shed and  
a makerspace?

One of them is  
called a makerspace

OK, but why does  
that matter to us?

Two of the key trends in the Library Edition of the 2017 NMC Horizon Report<sup>1</sup> relate directly to makerspaces:

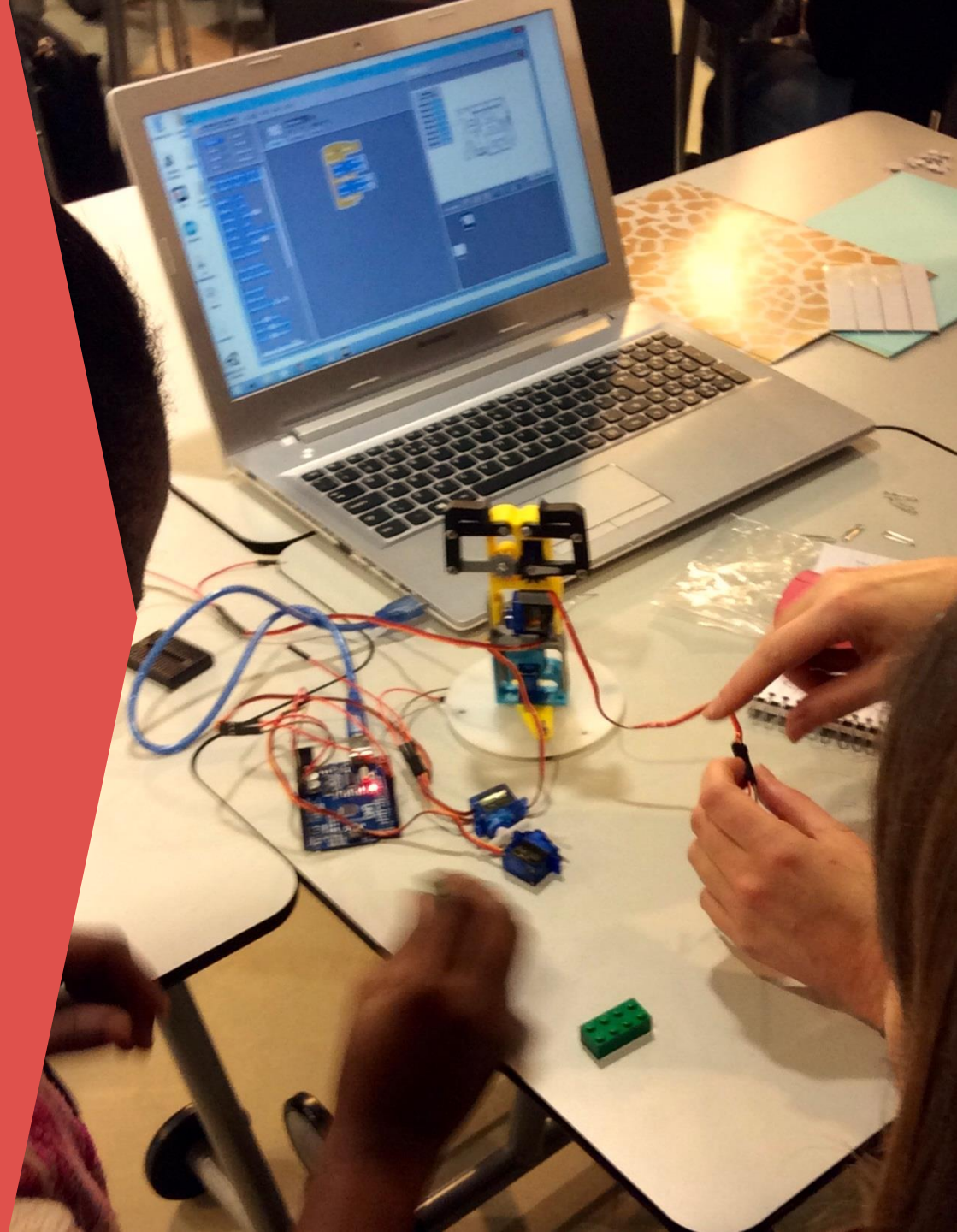
**Patrons as Creators**  
**Rethinking Library Spaces**

Sure, but how is this going  
to help the students?

Makerspaces facilitate a  
number of different  
pedagogical approaches<sup>2</sup>:

Active Learning  
Collaborative Learning  
Inquiry-Based Learning  
Project-Based Learning  
Constructionism

Makerspaces  
are being  
used by  
different  
academic  
institutions  
in a number  
of ways







# University of Kent<sup>3</sup>

## The Shed

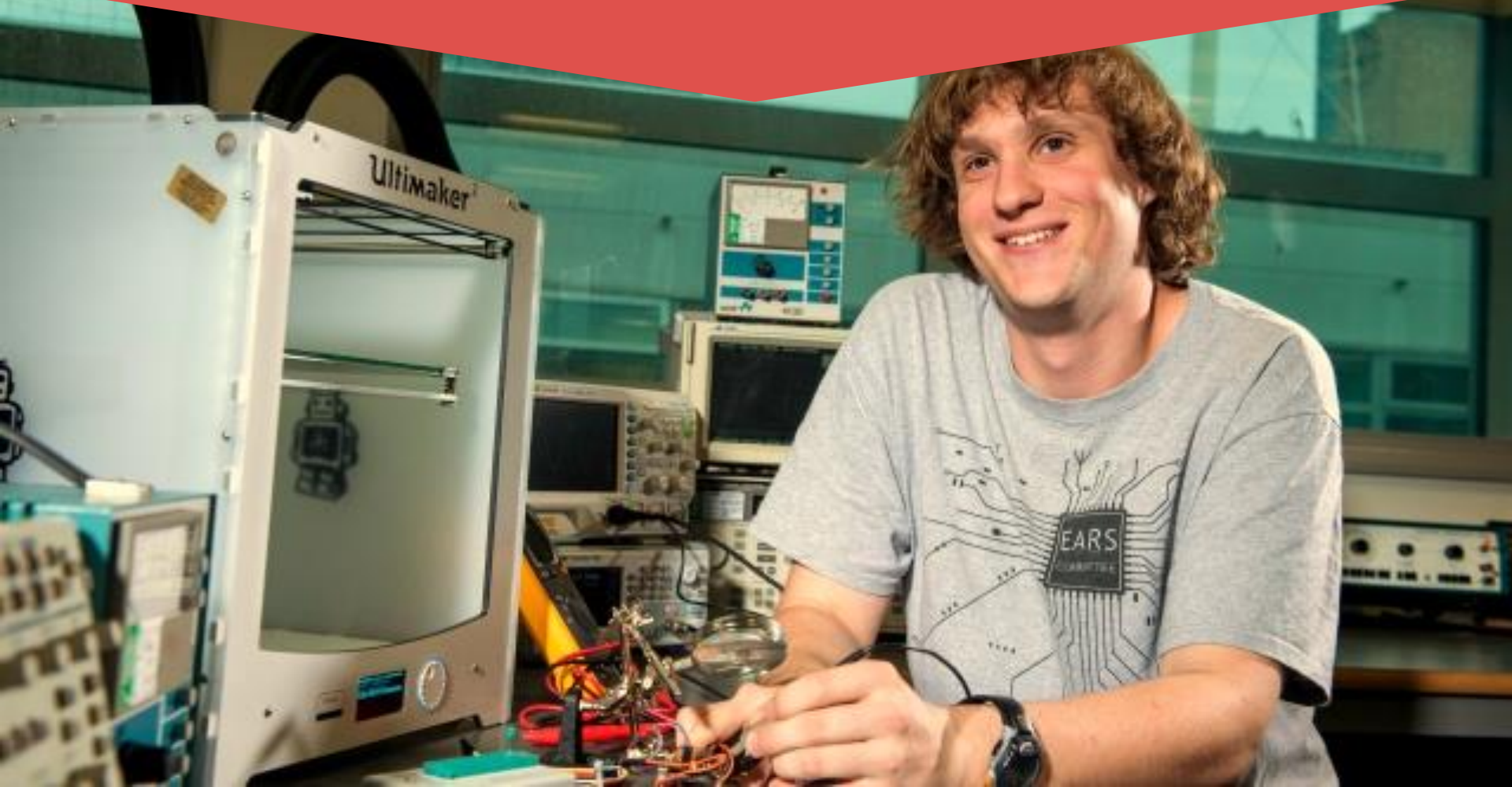


# University of Manchester<sup>4</sup> DigiLab



# University of Surrey<sup>5</sup>

## Makerspace



# Makercart at City University London<sup>6</sup>





# University of Sussex<sup>7</sup>

## Pop-up Makerspace



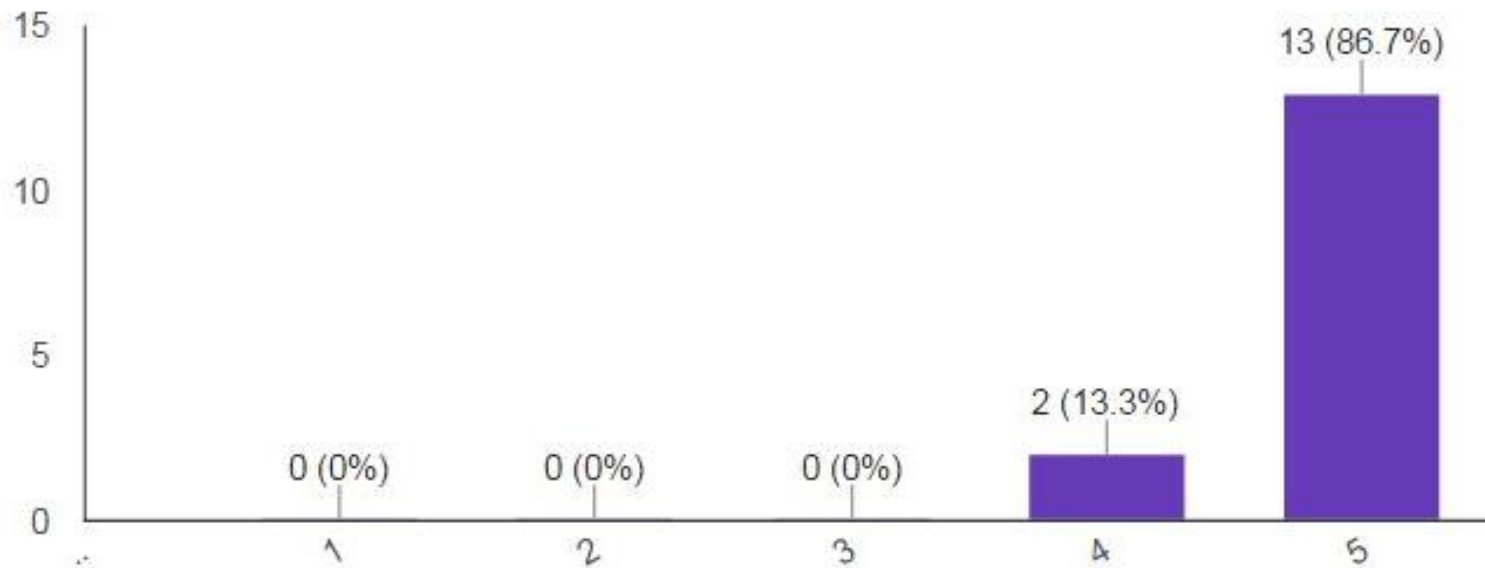
# 2015 with local edtech leaders, MakerClub





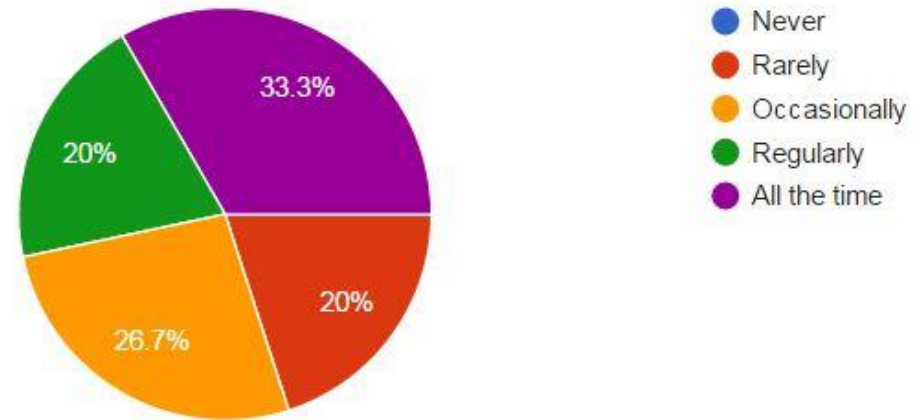
# Feedback

Did you find this workshop interesting? (15 responses)



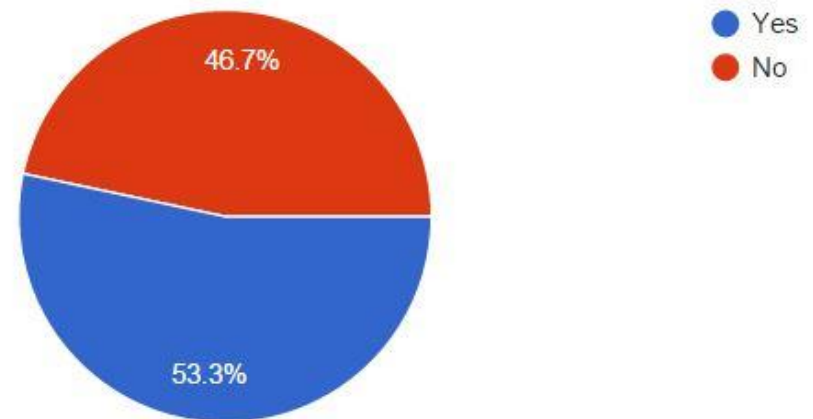
# Feedback

How often do you visit the Library? (15 responses)



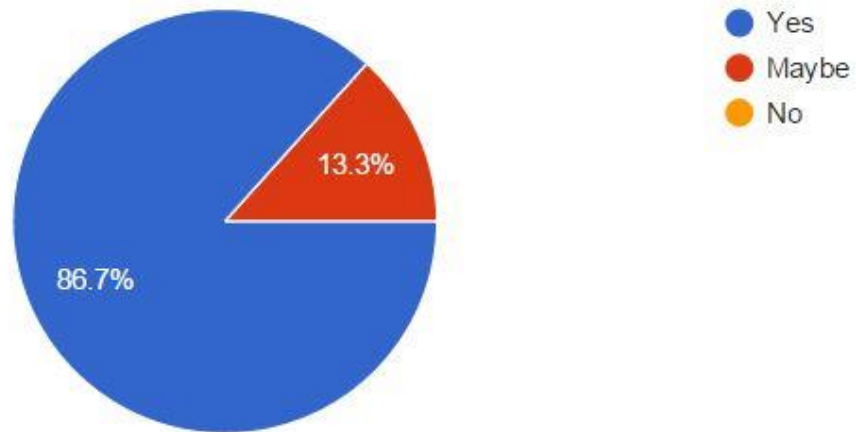
Have you ever used the Open Learning Space before

(15 responses)





Would you attend another pop-up makerspace event? (15 responses)



Feedback

Do you think the Library is a good place for an event such as this? (15 responses)



# Feedback

“I think this was probably the **best thing I’ve done** in terms of non-subject stuff in the library. I would actually **really love it** if something like this could be made into a regular sort of thing. I’ve always been interested in learning about arduinos, but never had the opportunity to just play with one to see it in action. I think lots of other students and staff could benefit from attending something like this!”

# Feedback

“The workshop was **really, REALLY fun, I loved it** (it kind of helped me be more confident); please do more of these. **Library is a great space for workshops like these**; I find that most university buildings belong to different schools/departments, whereas the library is for everyone.”

# 2016 with Sussex academic, Pollie Barden





# 2017 Pop-up Makerspace?

# The future of makerspaces

# Ten Minute Makerspace

# References

1. The New Media Consortium (2017) NMC Horizon Report: 2017 Library Edition. Available at: <http://cdn.nmc.org/media/2017-nmc-horizon-report-library-EN.pdf> (Accessed: 25 June 2017).
2. Costello, L., Powers, M. and Haugh, G. (2017) 'Pedagogy and Prototyping in Library Makerspaces', in Kroski, E. (ed.) *The Makerspace Librarian's Sourcebook*. London: Facet Publishing.
3. University of Kent (2015) *Makerspace*. Available at: <https://www.cs.kent.ac.uk/makerspace/> (Accessed: 25 June 2017).
4. DigiLab (2014) 'We've launched!', *DigiLab Blog*, October 22. Available at: <https://uomdigilab.wordpress.com/2014/10/22/weve-launched/> (Accessed: 25 June 2017).
5. University of Surrey (2015) *Innovation in the University Makerspace*. Available at: <https://www.surrey.ac.uk/features/innovation-university-makerspace> (Accessed: 25 June 2017).
6. Priego, E. (2015) 'Makerspaces as Information Architecture: The Librarian as Maker; The Library as Space #inm34815 #citylis', *DITA 2015 - #citylis Blog*, December 8. Available at: <https://blogs.city.ac.uk/dita15/tag/carlos-izsak/> (Accessed: 25 June 2017).
7. Groves, A. (2016) 'Pop-up Library Makerspace: academic libraries provide flexible, supportive space to explore emerging technologies', *LSE Impact Blog*, February 23. Available at: <http://blogs.lse.ac.uk/impactofsocialsciences/2016/02/23/the-journey-of-a-pop-up-library-makerspace/> (Accessed: 25 June 2017).